



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/822,306  
Source: IFWO  
Date Processed by STIC: 10-8-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE SEE BELOW FOR ADDRESS

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

### Raw Sequence Listing Error Summary

**ERROR DETECTED**

SUGGESTED CORRECTION

**SERIAL NUMBER:**

10/822/306

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1. **Wrapped Nucleics**  
**Wrapped Aminos** The number/text at the end of each line "wrapped" down to the next line. This may occur if your word processor wraps text at the end of the line. Please adjust your right margin to .3; this will prevent "wrapping."
2. **Invalid Line Length** The rules require that a line not exceed 72 characters in length. This includes white spaces.
3. **Misaligned Amino Numbering** The numbering under each 5' amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4. **Non-ASCII** The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5. **Variable Length** Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6. **PatentIn 2.0 "bug"** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7. **Skipped Sequences (OLD RULES)** Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO. X (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading!)  
(xi) SEQUENCE DESCRIPTION SEQ ID NO. X (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped
- Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequences.
8. **Skipped Sequences (NEW RULES)** Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
<210> sequence id number  
<400> sequence id number  
000
9. **Use of n's or Xaa's (NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10. **Invalid <213> Response** Per 1.823 of Sequence Rules, the only valid <213> responses are Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence.
11. **Use of <220>**
12. **PatentIn 2.0 "bug"**
13. **Misuse of n/Xaa**
- Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 007017/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)**
- Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

AMC - Biotechnology Systems Branch - 09/09/2003



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/822,306

DATE: 10/08/2004

TIME: 15:14:51

Input Set : A:\7349USP1 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\10082004\J822306.raw

4 <110> APPLICANT: Abbott Laboratories  
 5 Reilly, Edward B.  
 6 Lacy, Susan E.  
 7 Fung, Emma  
 8 Belk, Johathan P.  
 9 Roguska, Michael  
 11 <120> TITLE OF INVENTION: Antibodies To Erythropoietin Receptor  
 12 And Uses Thereof  
 14 <130> FILE REFERENCE: 7349USP1  
 16 <140> CURRENT APPLICATION NUMBER: 10/822,306  
 17 <141> CURRENT FILING DATE: 2004-04-12  
 19 <150> PRIOR APPLICATION NUMBER: 10/821,497  
 20 <151> PRIOR FILING DATE: 2004-04-09  
 22 <160> NUMBER OF SEQ ID NOS: 29  
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 15  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Artificial Sequence  
 31 <220> FEATURE:  
 32 <223> OTHER INFORMATION: scFv linker  
 34 <400> SEQUENCE: 1  
 35 Gly Gly Gly Gly Ser Gly Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser  
 36 1 5 10 15  
 38 <210> SEQ ID NO: 2  
 39 <211> LENGTH: 15  
 40 <212> TYPE: PRT  
 41 <213> ORGANISM: Artificial Sequence  
 43 <220> FEATURE:  
 44 <223> OTHER INFORMATION: scFv linker  
 46 <400> SEQUENCE: 2  
 47 Gly Glu Asn Lys Val Glu Tyr Ala Pro Ala Leu Met Ala Leu Ser  
 48 1 5 10 15  
 50 <210> SEQ ID NO: 3  
 51 <211> LENGTH: 15  
 52 <212> TYPE: PRT  
 53 <213> ORGANISM: Artificial Sequence  
 55 <220> FEATURE:  
 56 <223> OTHER INFORMATION: scFv linker  
 58 <400> SEQUENCE: 3  
 59 Gly Pro Ala Lys Glu Leu Thr Pro Leu Lys Glu Ala Lys Val Ser  
 60 1 5 10 15  
 62 <210> SEQ ID NO: 4

(ps. 6)

Does not copy  
 Corrected Diskette Needed

(pg. 6-9)

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/822,306

DATE: 10/08/2004

TIME: 15:14:51

Input Set : A:\7349USP1 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\10082004\J822306.raw

```

63 <211> LENGTH: 15
64 <212> TYPE: PRT
65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: scFv linker
70 <400> SEQUENCE: 4
71 Gly His Glu Ala Ala Ala Val Met Gln Val Gln Tyr Pro Ala Ser
72 1 5 10 15
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 116
76 <212> TYPE: PRT
77 <213> ORGANISM: Homo sapiens
79 <400> SEQUENCE: 5
80 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
81 1 5 10 15
82 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
83 20 25 30
84 Tyr Trp Ser Trp Ile Arg Gln Pro Gly Lys Gly Leu Glu Trp Ile
85 35 40 45
86 Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
87 50 55 60
88 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
89 65 70 75 80
90 Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
91 85 90 95
92 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
93 100 105 110
94 Thr Val Ser Ser
95 115
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 116
99 <212> TYPE: PRT
100 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 6
103 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
104 1 5 10 15
105 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
106 20 25 30
107 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
108 35 40 45
109 Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
110 50 55 60
111 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
112 65 70 75 80
113 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
114 85 90 95
115 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
116 100 105 110
117 Thr Val Ser Ser

```

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Input Set : A:\7349USP1 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\10082004\J822306.raw

```

118          115
120 <210> SEQ ID NO: 7
121 <211> LENGTH: 116
122 <212> TYPE: PRT
123 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 7
126 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
127 1          5          10          15
128 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
129          20          25          30
130 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
131          35          40          45
132 Gly Tyr Ile Gly Gly Glu Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
133          50          55          60
134 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
135 65          70          75          80
136 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
137          85          90          95
138 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
139          100          105          110
140 Thr Val Ser Ser
141          115
143 <210> SEQ ID NO: 8
144 <211> LENGTH: 116
145 <212> TYPE: PRT
146 <213> ORGANISM: Homo sapiens
148 <400> SEQUENCE: 8
149 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
150 1          5          10          15
151 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
152          20          25          30
153 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
154          35          40          45
155 Gly Tyr Ile Ala Gly Thr Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
156          50          55          60
157 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
158 65          70          75          80
159 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
160          85          90          95
161 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
162          100          105          110
163 Thr Val Ser Ser
164          115
166 <210> SEQ ID NO: 9
167 <211> LENGTH: 116
168 <212> TYPE: PRT
169 <213> ORGANISM: Homo sapiens
171 <400> SEQUENCE: 9
172 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/822,306

DATE: 10/08/2004

TIME: 15:14:51

Input Set : A:\7349USP1 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\10082004\J822306.raw

```

173 1          5          10          15
174 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
175          20          25          30
176 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
177          35          40          45
178 Gly Tyr Ile Gly Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
179          50          55          60
180 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
181 65          70          75          80
182 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
183          85          90          95
184 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
185          100          105          110
186 Thr Val Ser Ser
187          115

```

189 &lt;210&gt; SEQ ID NO: 10

190 &lt;211&gt; LENGTH: 116

191 &lt;212&gt; TYPE: PRT

192 &lt;213&gt; ORGANISM: Homo sapiens

194 &lt;400&gt; SEQUENCE: 10

```

195 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
196 1          5          10          15
197 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
198          20          25          30
199 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
200          35          40          45
201 Gly Tyr Ile Tyr Gly Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
202          50          55          60
203 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
204 65          70          75          80
205 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
206          85          90          95
207 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
208          100          105          110
209 Thr Val Ser Ser
210          115

```

212 &lt;210&gt; SEQ ID NO: 11

213 &lt;211&gt; LENGTH: 116

214 &lt;212&gt; TYPE: PRT

215 &lt;213&gt; ORGANISM: Homo sapiens

217 &lt;400&gt; SEQUENCE: 11

```

218 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
219 1          5          10          15
220 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
221          20          25          30
222 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
223          35          40          45
224 Gly Tyr Ile Tyr Tyr Glu Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
225          50          55          60

```

## RAW SEQUENCE LISTING

DATE: 10/08/2004

PATENT APPLICATION: US/10/822,306

TIME: 15:14:51

Input Set : A:\7349USP1 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\10082004\J822306.raw

```

226 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
227 65              70              75              80
228 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
229              85              90              95
230 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
231              100             105             110
232 Thr Val Ser Ser
233              115
235 <210> SEQ ID NO: 12
236 <211> LENGTH: 116
237 <212> TYPE: PRT
238 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 12
241 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
242 1              5              10              15
243 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
244              20              25              30
245 Tyr Trp Ser Trp Ile Arg Gln Pro Gly Lys Gly Leu Glu Trp Ile
246              35              40              45
247 Gly Tyr Ile Gly Gly Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
248              50              55              60
249 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
250 65              70              75              80
251 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
252              85              90              95
253 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
254              100             105             110
255 Thr Val Ser Ser
256              115
258 <210> SEQ ID NO: 13
259 <211> LENGTH: 116
260 <212> TYPE: PRT
261 <213> ORGANISM: Homo sapiens
263 <400> SEQUENCE: 13
264 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
265 1              5              10              15
266 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Tyr
267              20              25              30
268 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
269              35              40              45
270 Gly Tyr Ile Tyr Gly Glu Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
271              50              55              60
272 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
273 65              70              75              80
274 Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
275              85              90              95
276 Arg Glu Arg Leu Gly Ile Gly Asp Tyr Trp Gly Gln Gly Thr Leu Val
277              100             105             110
278 Thr Val Ser Ser

```

10/822,306

<210> 15  
<211> 116  
<212> PRT

<213> Artificial Sequence

<220>

<223> Xaa denotes Tyr or Gly or Ala

<223> Xaa denotes Tyr or Gly or Ala or Glu or Asp

<223> Xaa denotes Ser or Gly or Glu or Thr

<400> 15

Gln	Val	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Glu
1				5				10						15	
Thr	Leu	Ser	Leu	Thr	Cys	Thr	Val	Ser	Gly	Ala	Ser	Ile	Ser	Ser	Tyr
			20					25					30		
Tyr	Trp	Ser	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Ile
		35					40					45			
Gly	Tyr	Ile	Xaa	Xaa	Xaa	Gly	Ser	Thr	Asn	Tyr	Asn	Pro	Ser	Leu	Lys
	50					55					60				
Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Thr	Ser	Lys	Asn	Gln	Phe	Ser	Leu
				70						75					80
Lys	Leu	Arg	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala
				85					90					95	
Arg	Glu	Arg	Leu	Gly	Ile	Gly	Asp	Tyr	Trp	Gly	Gln	Gly	Thr	Leu	Val
			100					105							110
Thr	Val	Ser	Ser												
			115												

Insert  
(2217)  
(2227)

see item #11 on error summary sheet.

PLS EXPLAIN

source of genetic material.

pls insert locations of Xaas. See error = explanation on page 8.

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.



RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/822,306

DATE: 10/08/2004  
TIME: 15:14:52

Input Set : A:\7349USP1 SEQUENCE LISTING.TXT  
Output Set: N:\CRF4\10082004\J822306.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:15; Xaa Pos. 52,53,54

Seq#:18; Xaa Pos. 3,4,5

Seq#:28; N Pos. 4,7,10,13,16,19,22,25,28,31,34,37,40

Seq#:29; N Pos. 5,8,11,14,17,20,23,26,29,32,35,38,41

## VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/822,306

DATE: 10/08/2004

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Input Set : A:\7349USP1 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\10082004\J822306.raw

Use of n's or Xaa's (NEW RULES):

*ERROR Explanation: ↙*  
Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
in <220> to <223> section, please explain location of n or Xaa, and which  
residue n or Xaa represents.

Seq#:15; Xaa Pos. 52,53,54

Seq#:18; Xaa Pos. 3,4,5

Seq#:28; N Pos. 4,7,10,13,16,19,22,25,28,31,34,37,40

Seq#:29; N Pos. 5,8,11,14,17,20,23,26,29,32,35,38,41

## VERIFICATION SUMMARY

DATE: 10/08/2004

PATENT APPLICATION: US/10/822,306

TIME: 15:14:52

Input Set : A:\7349USP1 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\10082004\J822306.raw

L:316 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15  
L:323 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:15  
L:323 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:15  
L:323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:48  
L:389 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:390 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:18  
L:390 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:18  
L:390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
L:489 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:490 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:28  
L:490 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:28  
L:490 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
L:504 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29  
L:505 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:29  
L:505 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:29  
L:505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0